AVerMedia®

AVer MediaCenter

User Manual

DISCLAIMER

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Chapter 1
Introduction

Thanks for purchasing **AVerTV Express HD DVR**. This high quality capture card is especially designed for professional players with high standards towards image/ video quality.

AVerTV Express HD DVR also comes with a powerful application **AVer MediaCenter**, allowing you to capture high resolution images, record HD video clips, create your own slideshows with both the captured and images of other sources, and even create your own music library for both audio and video luxury.

Each function of **AVer MediaCenter** goes further with detailed options for a more professional taste. There is no more need to compromise yourself with all fixed default settings using a capture card.

This Chapter will guide you through the essential information of **AVer MediaCenter**. Please read this chapter before using **AVer MediaCenter**.

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CHAPTER 1

1.1 System Requirements

System requirements are described in detail below. Before using *AVer MediaCenter*, verify that your PC meets the requirements below.

For SD Video Capturing:
✓ Intel® Pentium® Mobile 2.0GHz or AMD equivalent

For HD Video Real-time Capturing (MPEG-2 Format)
✓ Intel® Core™2 Duo 2.4GHz or AMD equivalent

For HD Video Real-time Capturing (H.264 Format)
✓ Intel® Core™ i7 920XM 2.0GHz or AMD equivalent

VGA card support with support for DirectX 9.0c or above*
512 MB RAM**
ExpressCard™ (34mm or 54mm) slot
Sound Card
Windows® 7/ Vista™/ XP (32/64-Bit)
* Standalone graphics card is recommended for HD video capturing.
** 2GB RAM is recommended for HD video capturing.

1.2 Activating AVer MediaCenter

To run the application, click **Start**, point to **Programs**, choose **AVerMedia**, select AVer MediaCenter and then click **AVer MediaCenter**. Another way is to double-click the **AVer MediaCenter** program icon " "on the desktop. Or, you can double-click the **AVer Quick "** **"** launcher located in the lower right corner of the screen.

☑ **Note**: **AVerQuick** allows to set the desired default application, which means you can choose AVer MediaCenter as the default application when double clicking **AVerQuick** icon . To do this, right click **AVerQuick**, choose "**Setting**", and select the preferred application in the "**Application**" tab.

1.3 Overview of AVer MediaCenter

After running the software, the main screen of AVer MediaCenter appears which includes “TV”, “Video”, “Music”, “Pictures” and “Settings”. This section briefly introduces main menu, sub menus and setting items. For more details, please refer to Chapter 2.

The Main Screen

	Description
❶	Title bar
❷	Main menu
❸	Main window
❹	TV monitor and control panel
❺	Display the system time

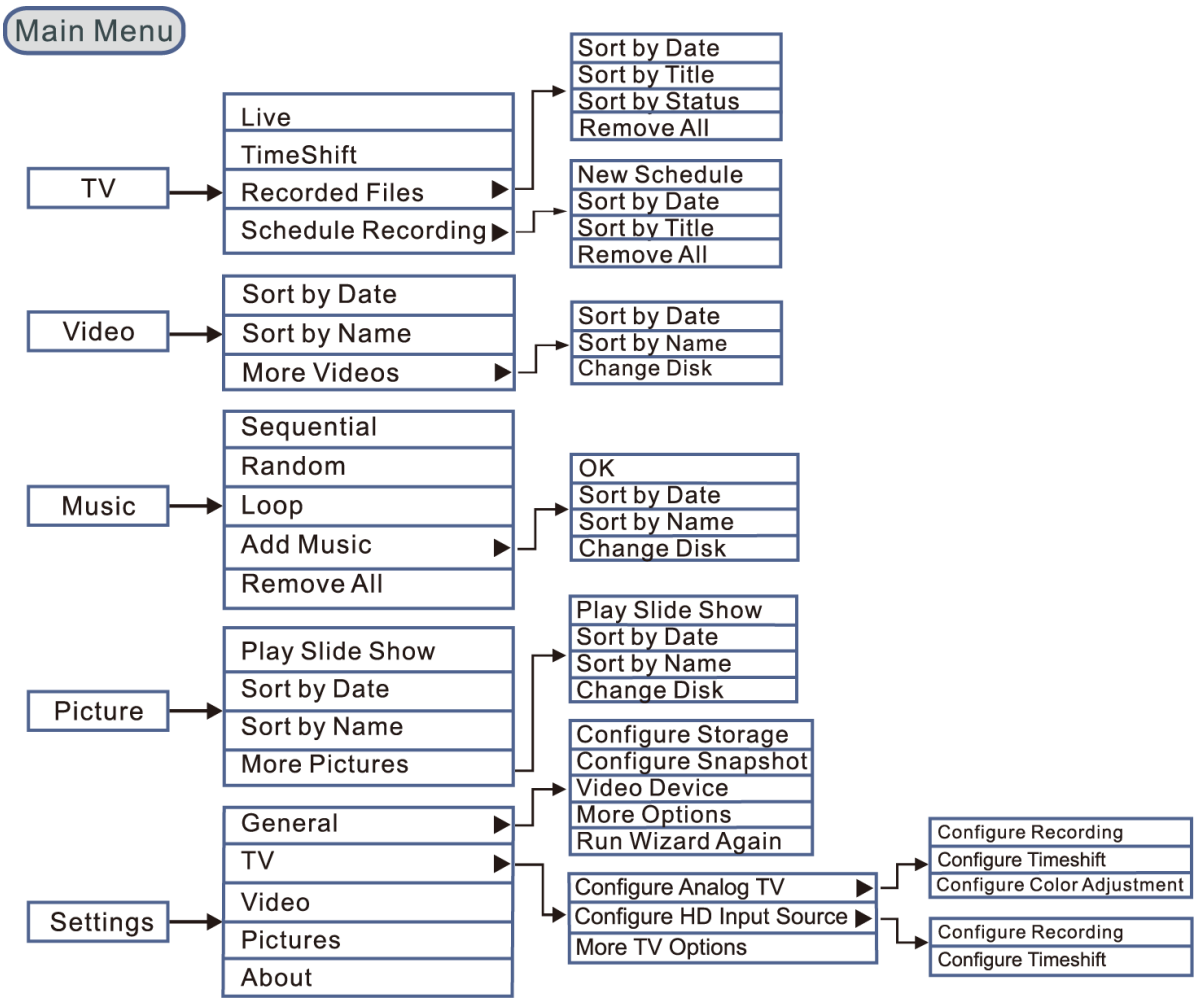
The Main Control Buttons

	Description
	Go back the main menu
	Go back one level
	Open user manual
	Minimize the application
	Restore the previous size
	Exit the application

	Description
/	Switch from real-time TV to TimeShift mode. / Freeze the playback temporarily.
	Stop the playback, recording, TimeShift, etc.
	Play the selected file
	Record the current program.
	Play the previous/next file in the playlist.
	Move backward or skip forward in intervals.
	Capture a single image or a sequence of images.
	Enable the PIP or multiple channel display function.
	Switch to display all the programs that are under the same frequency simultaneously. (This function is only available for digital TV.)
	Switch to different aspect ratios.
CH	Go to the next upper or lower active channel.
	Turn on / off the sound.
	Increase or decrease the sound.
	Choose between available audio modes

☑ **Note**: Some functions may not be available, depending on the product model.

Navigation Tree

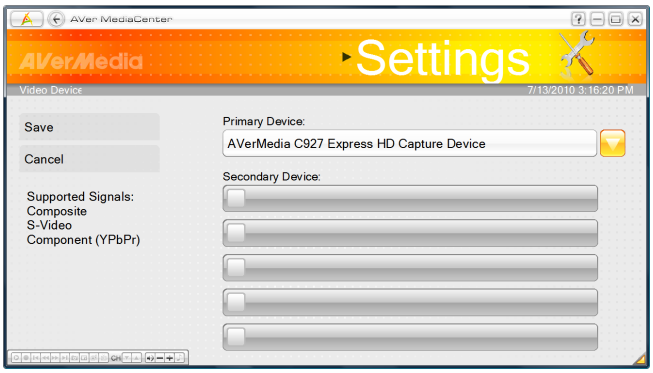


☑ **Note**: The items may vary depending on the product you use and the area you live.

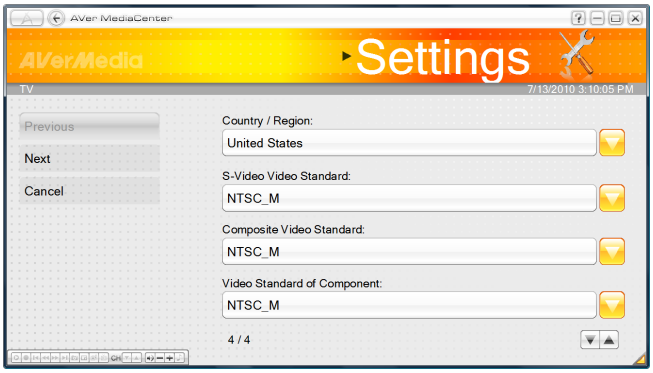
1.4 Running AVer MediaCenter for the First Time

When you run the AVer MediaCenter for the first time, a set up wizard will automatically appear and take you through all the necessary settings step by step.

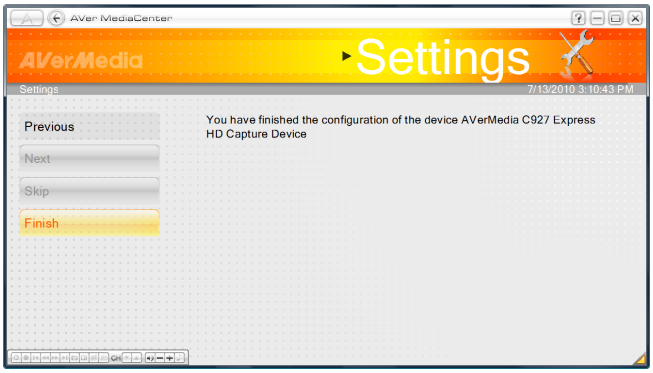
1. When a dialog box appears, click **Yes.**
2. Choose the primary device or tuner and then select **Next** (as shown on the right). Then choose **Next** again to continue.



3. Choose the country where you located.
4. Choose the type of video signal.
5. Select in the bottom-right of the screen to go to the second page.
6. Select **Next** to continue the process.



7. After finishing all settings, select **Finish**.
8. If you want to re-configure all the settings again, go the main page and select “Select”➔ “General” ➔ “Run Wizard Again.”



Chapter 2
Getting Started

This Chapter will start with the basic usage of AVer MediaCenter, including playing music, recording a video program, and so on.
Before using the application, it is necessary to understand all the basic operations in this chapter.

TV **8**
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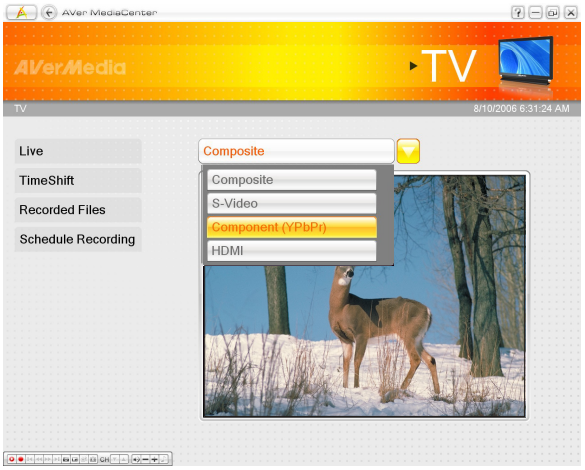
CHAPTER 2

2.1 TV

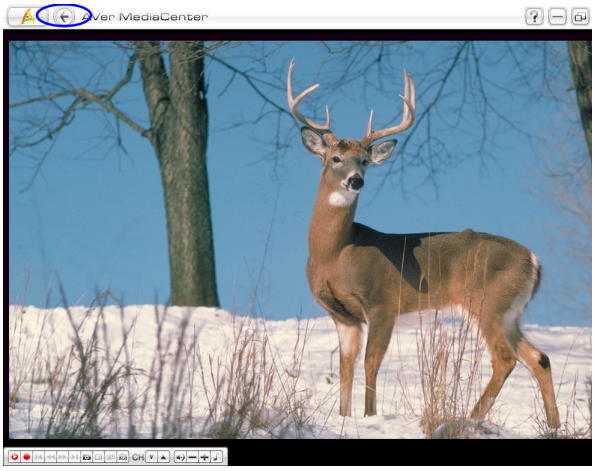
➢ Watching External Video

After you connect the device with external video sources (camcorder, video games, VCR/VCD/DVD players), you can enjoy watching them on your PC.

1. Go to the **TV** page and you can see a preview window in the right-hand section of the screen.
2. To switch the preview mode to the full-screen mode, select **Live**.



3. If you want to go back the preview mode, select in the top-left corner of the screen.



Adjusting Volume

To increase or decrease volume when watching TV, click on the control panel.

To disable the sound of the program, click on the control panel. Press the same button again to turn on the sound.

Capturing Images

While you watch recorded video from your PC monitor, you can use the application to capture images for your document, presentation or web page.

1. Select "**TV**".
2. Select on the control panel to capture a still image. To capture another image, press that button again.
3. To view the captured images, go back the Main Menu and select main menu "**Pictures**". All the pictures are listed in the right-hand section of the screen.

☑ **Note**: For details, refer to the section titled "**Pictures**" in *Chapter 2*.

Recording a Video Source Directly

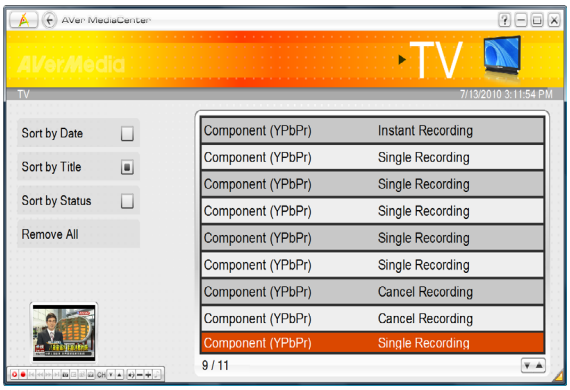
To record a program now:

When watching video, select to record a program immediately. To stop recording, select .

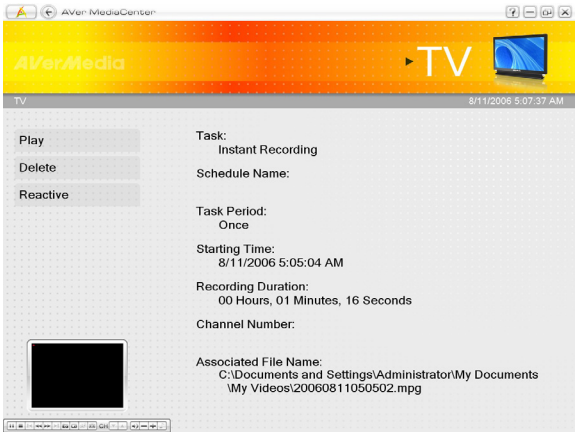
☑ **Note**: When recording from Component input, copyrighted content cannot be recorded.

Playing A Recorded Video

1. Select "**TV**" ➔ "**Recorded Files**".
2. All the recorded files are listed here.
3. You can view those file by date, title or status.
4. Choose the desired file.
5. If you want to delete all recorded files, click the **Remove All** button→Yes.



6. Select **Play**.
7. To switch to the full-screen, double-click the small TV monitor.
8. To temporarily pause the playback, select . To stop the playback, select .



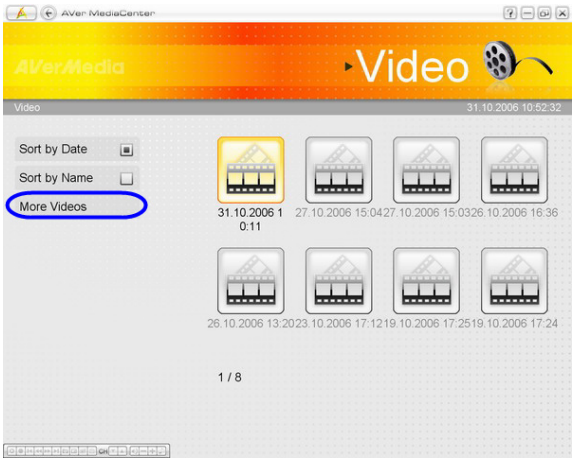
☑ **Note**: For the related information, refer to "**Video**"➔ "**Playing Video Files**" in *Chapter 2*.

2.2 Video

With this function, you can view recorded programs or other video files.

Playing Video Files

1. Select “**Video**”.
2. You may see some recorded video files are listed on the right hand section of the screen. Or you can select **More Videos** to choose other folders on your computer.
3. Select the file you want.
4. Select to start playback.
5. Select on the control panel to stop the playback and return to live program. To Pause the playback, select on the control panel.



2.3 Music

You can create your music library and enjoy music with our AVer MediaCenter.

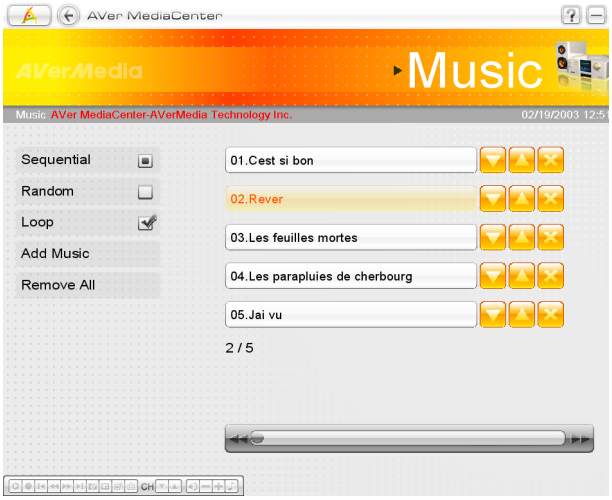
➢ Adding Music to your Playlist

Add your favorite music to AVer MediaCenter music playlist and then you can playback music from the playlist next time.

1. Select "**Music**" ➔ "**Add Music**" and then select the desired folder.

2. Choose the tracks you wish to play. Press **Space** button on your keyboard to confirm the selected file or folder.
3. Select **OK** to go back one level.

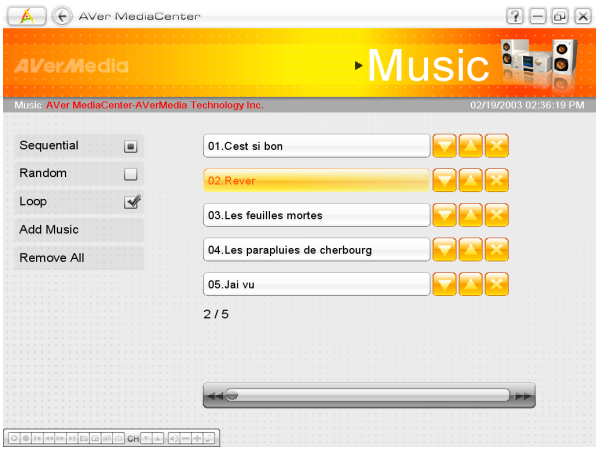
4. Then you can see the added files displayed in the right-hand section of the screen.
5. Use to remove one track or select **Remove All** to delete all tracks in the playlist.



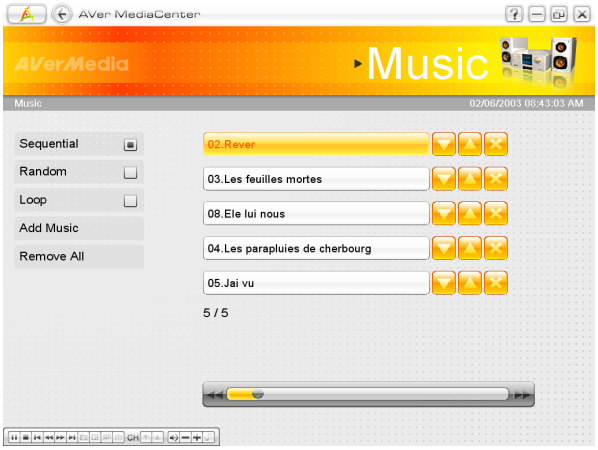
Playing Music

To playback music:

1. Select “**Music**”.
2. Enable **Sequential** to play tracks in order or **Random** to shuffle the order.
3. To continue playing all the tracks, select **Loop** check box.
4. Use to determine the order of the tracks in your playlist.



5. Then select to start to listen to the music.
6. Use the following buttons to control your playback.



Advance the playback.

Rewind the playback.

Play the next track.

Play the previous track

Freeze the playback.

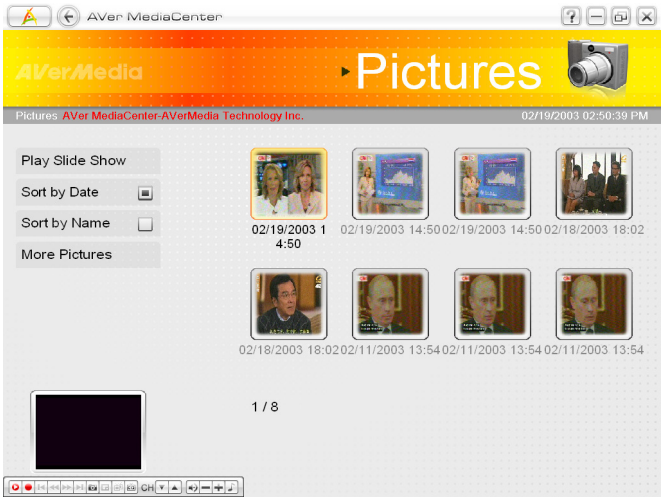
End the playback

2.4 Pictures

In this section, we introduce methods to view your pictures and play a slide show.

➢ Viewing the Captured Images

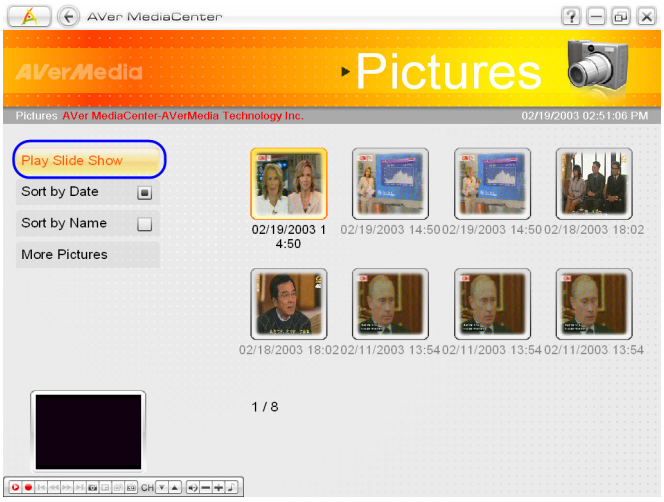
1. Select "**Pictures**".
2. The captured thumbnails are displayed in the right-hand section.
3. By clicking on the thumbnails, you can view images in a full-screen window.
4. Select **More Pictures** to find the folder that contains the desired pictures if your images are not saved in the default folder.



☑ **Note**: You can view thumbnails and enjoy video or music at the same time.

➢ Playing Slide Show

1. Select "**Pictures**".
2. Select **Play Slide Show** to start a slide show.
3. To stop the slide show and go back to the previous page, press the button.



Chapter 3
Advanced Operations

Beyond basic usage, what else you can do with AVer MediaCenter? In this chapter, we take you to the next level and explain the advanced features of this application.

TV **16**
Video **19**

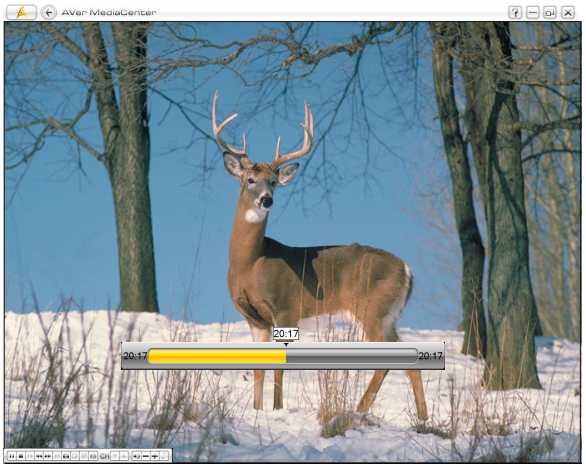
CHAPTER 3

3.1 TV

Using TimeShift

The TimeShift function performs background recording of a program, and lets you return to any part of the recorded program. At the same time, the live program continues to be recorded and played back so you won't miss any part of the show. You can also advance forward or rewind to replay scenes again.

1. Select "**TV**".
2. On this page, you can select **TimeShift.** Select on the control panel.
3. If using Timeshift in full screen mode, a time bar will appear for you to drag the slider tab to move to any part of the recorded program, and display the background recording time and the current show time.



4. Select to move backward in fixed intervals until reaching the part where you left off.
5. To advance forward and skip some parts of the recording, select to move forward in fixed intervals.
6. To temporarily pause the playback, choose on the control panel. To resume, select .
7. To return to the real-time program, select . This switches off the TimeShift function and returns you to the live program.

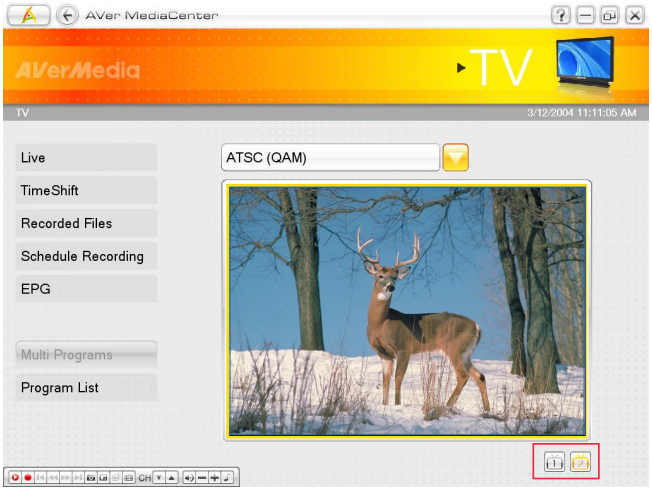
☑ **Note**:

1. The application will create a temporarily recorded file when the TimeShift function is being performed for a program. This file will be removed when you select .
2. Timeshift time bar, only available in full-screen mode, is not supported in PIP mode.

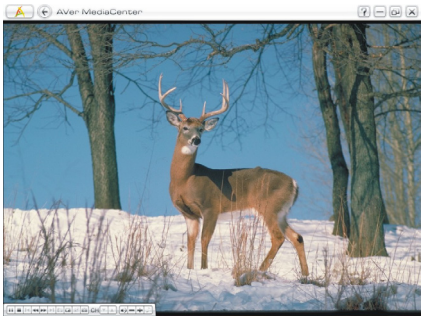
➢ Multi-Channel Display (Only Available for Multi-Card/Dual Tuner Series Users)

When you install two or more TV tuner cards or devices in the computer, this function allows you to watch many video sources at the same time.

1. Select "**TV**".
2. On this page, use on the control panel. You can see TV icons on the bottom-right corner of the screen. In this example, two TV icons appearing indicate two devices are installed in this computer.
3. You can choose either or to switch between different video sources.

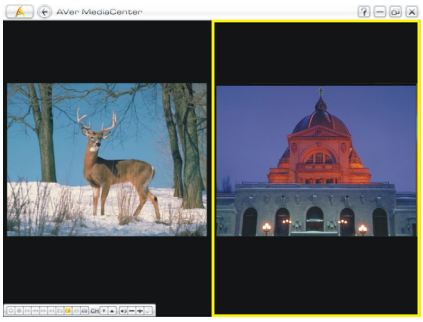


4. To display all available video sources simultaneously, select **Live**.
5. Select repeatedly to switch between Full screen mode, PIP mode and PBP mode (as shown on the right).
6. To switch and listen to the sound of another video source, simply use the arrow button ← → to select the PIP/PBP screen.



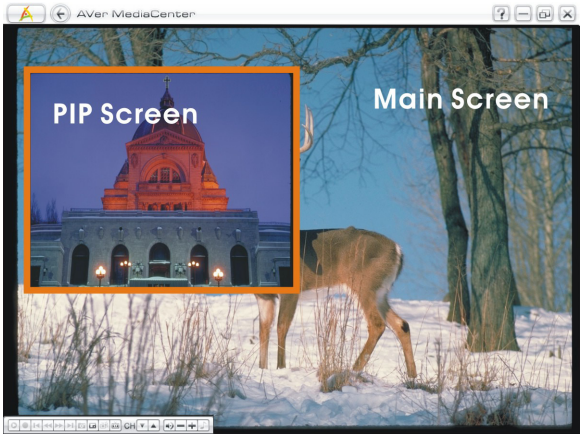
(Full Screen Mode)

(PIP Mode)



(PBP Mode)

7. Under PIP mode, you can change size of the PIP screen with your mouse.



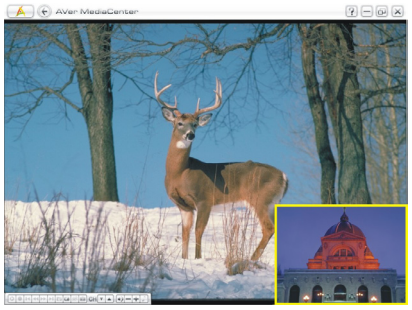
3.2 Video

➢ Picture-In-Picture(PIP) / Picture-By-Picture(PBP) Display

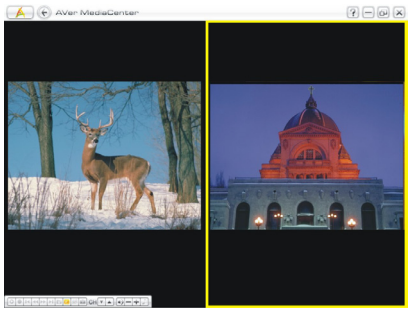
With the PIP/PBP feature, you are able to playback recorded video files, and at the same time, watch live TV.

1. Select "**Video**".
2. On this page, choose the desired file. Or select **More Videos** to find other video files.
3. When playing the video file, use on the control panel to enable the PIP function.
4. Select repeatedly to switch between Full screen mode, PIP mode and PBP mode (as shown on the right).
5. To switch and listen to the sound of live video, simply use the arrow button ← → to select the PIP/PBP screen.
6. By default, the playback recorded video is displayed on the main screen, and live video is on the PIP/PBP screen.
7. Meanwhile, the control buttons on the screen may vary depending on the selected screen mode.
8. Under PIP mode, you can change size of the PIP screen with your mouse.

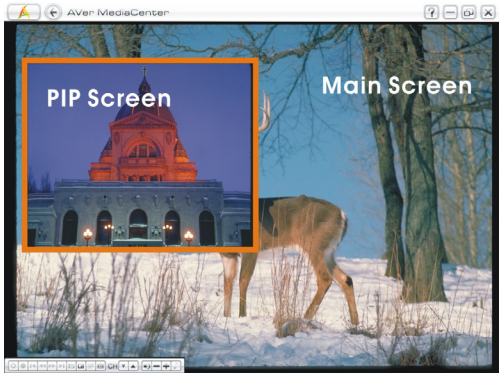
(Full Screen Mode)



(PIP Mode)



(PBP Mode)



☑ **Note**: In PIP mode, remember to select the target screen for further operations, such as (stop) timeshifting or recording.

Chapter 4
More Settings

Before scanning channels, recording programs, or capturing images, check the settings page to see if they meet your needs. With our explanation in this chapter, you can easily customize all the settings of AVer MediaCenter.

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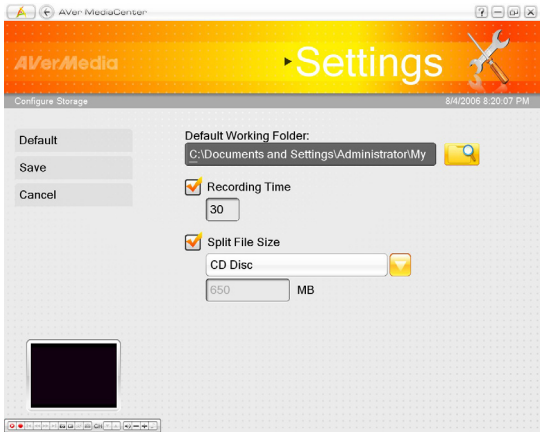
4.1 General Settings

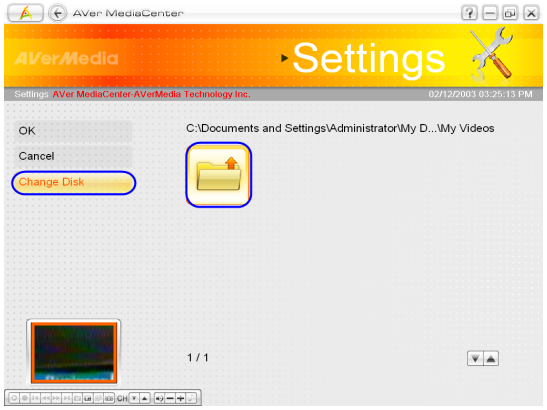
Here you can select the destination folder for saving recorded files, determine recording time and file size, assign the number of image you want to capture, setting the Windows power options, etc.

➢ Configure Storage

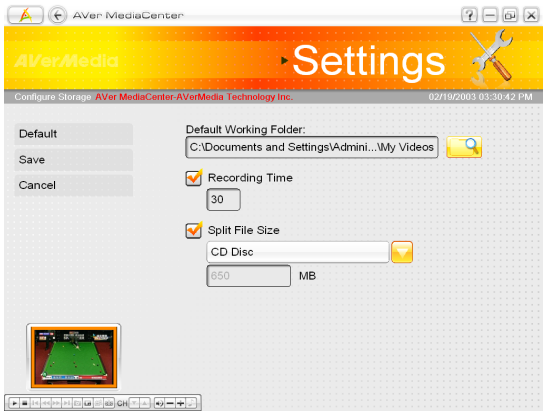
1. Select "**Settings**" ➔ "**General**" ➔ "**Configure Storage**"
2. Use the default folder for saving the recorded files
3. Or select to look for your desired folder.



4. On the next page, you can use to go up one level to find other folders or select **Change Disk** to choose other hard drives.
5. Then Choose **OK** to confirm the selection.

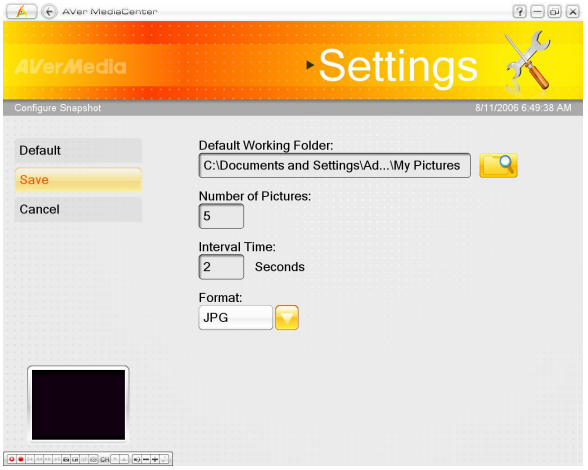


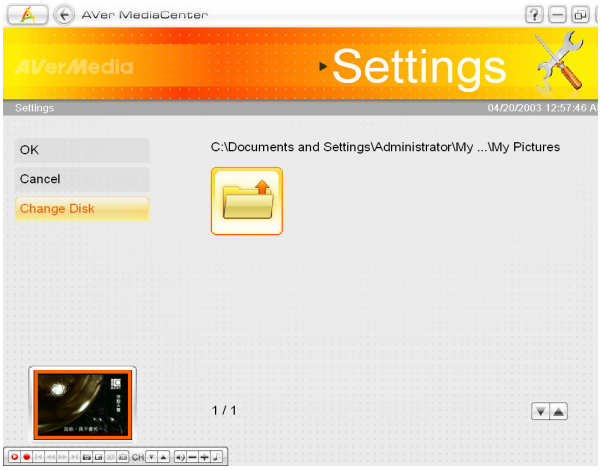
6. Determine the length of recording time otherwise the system will record the largest clip that your hard drive can accommodate.
7. This application lets you to divide the recording files in parts for burning onto removable optical media, such as **CD Disc** (650 MB) and **DVD Disc** (4096 MB) discs. Select the **Split File Size** check box and choose the appropriate video file size from the drop-down list so that each video file will not exceed the limit. Or you can choose **Customize** to assign the file size you want.
8. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



Configure Snapshot

1. Select “**Settings**” ➔ “**General**” ➔ “**Configure Snapshot**”.
2. In the **Number of Pictures** box, assign the number of images that you want to capture.
3. In the **Interval Time** box, specify the interval between captures. For instance, if you specify 10 seconds, an image will be captured every 10 seconds.
4. Choose the format you want for saving the captured images.
5. Use the default folder for saving images.
6. Or select to look for your desired folder.
7. On the next page, you can use to go up one level to find other folders or select **Change Disk** to choose other hard drives.
8. Choose **OK** to confirm your selection.
9. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.

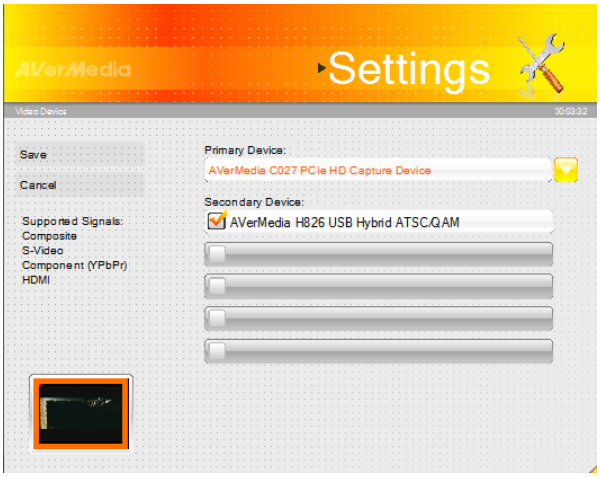




➢ Video Device (Only Available for Multi-Card / Dual Tuner Series Users)

If you install two or more AVerMedia devices in your computer, you need to determine which device you want to use for watching TV and other multimedia functions.

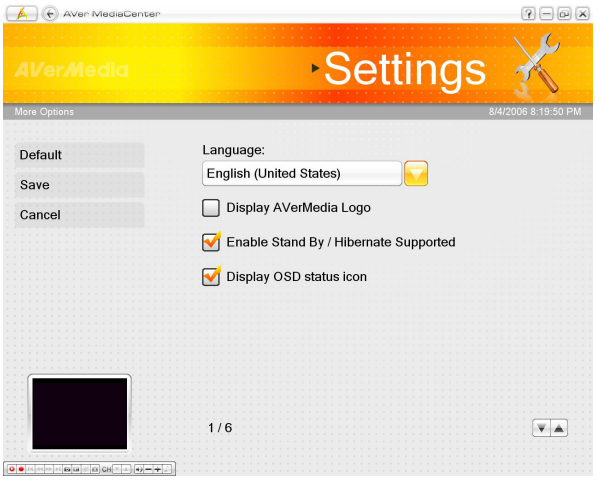
1. Select "**Settings**" ➔ "**General**" ➔ "**Video Device**".
2. Choose the primary device from the drop-down list.
3. To use **Multi-Channel Display** function, you need to select the secondary devices. (For more details on this function, refer to "**Multi-Channel Display"** in Chapter 3)
4. Select **Save** to save the settings or select **Cancel** to abort without saving.
5. To find out if your AVerMedia product supports multi-card feature, please refer to AVerMedia's website.

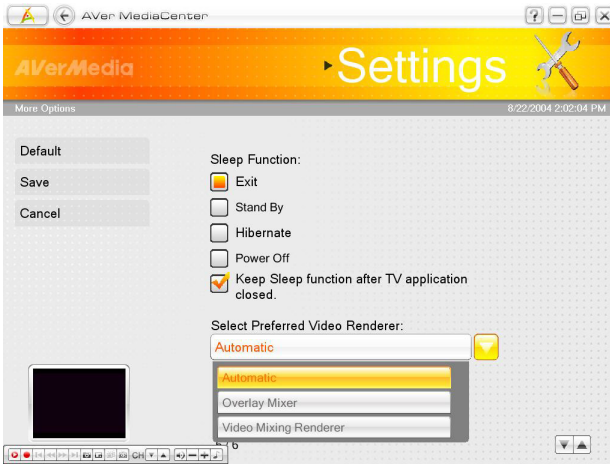


More Options

This page allows you to set the power mode. Then you can put your computer in Stand By, Hibernate or other modes while you are away from the computer.

1. Select "**Settings**" ➔ "**General**" ➔ "**More Options**".
2. You can select the UI language you want from the **Language** drop-down list.
3. Select **Display AVerMedia Logo** check box to show AVerMedia Logo on the upper left corner of the screen.
4. By default, the system is set to select **Enable Stand By / Hibernate Support** and **Display OSD status icon**.
5. In the second page, determine the sleep function and choose the desired power-saving settings, including **Exit**, **Stand By**, **Hibernate** and **Power Off**.
6. Select the **Keep Sleep function after TV application closed** check box to enable the function.
7. Select the preferred video renderer from the drop-down list.
8. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.





☑ **Note**:

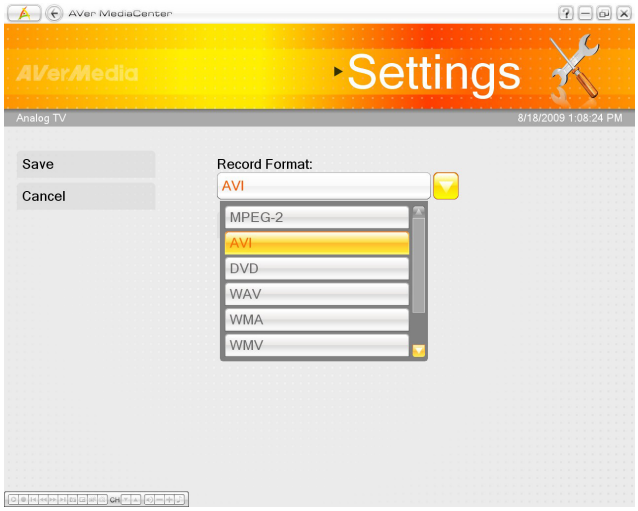
1. If your computer has problem with being out of Stand By or Hibernate mode, clear the **Enable Stand By / Hibernate Support** option.
2. Under Window Vista system, Enhanced Video Renderer (EVR) is provided for better synchronization. (By default, Overlay Mixer is chosen in Windows XP system and Enhanced Video Renderer in Windows Vista system.)

4.2 TV Settings

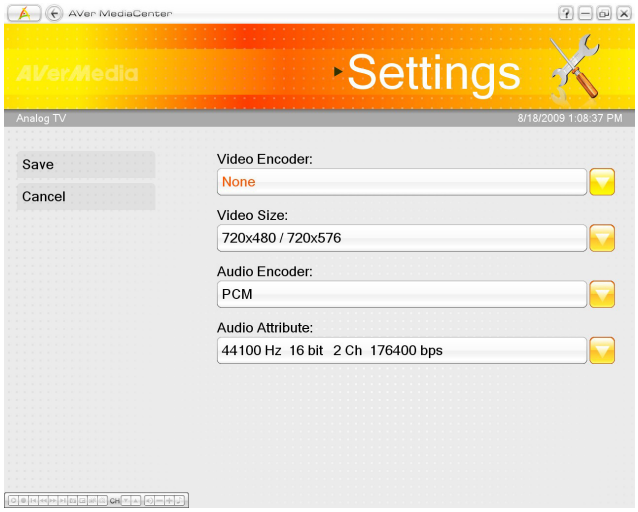
All TV setting tips are included within this section.

➢ Configure Analog TV ➔ Configure Recording

Under “Configure Analog TV” section, you can select a file format for recording from S-Video and Composite input sources.



1. Select “**Settings**” ➔ “**TV**” ➔ “**Configure Analog TV**”➔ “**Configure Recording**”.
2. Choose the default file format from the **Record Format** drop-down list (MPEG-2, AVI, DVD, WAV, WMA, WMV, , H.264, iPod).
3. If you want to record program in MPEG-4 format, you need to download codec from the website first. We recommend downloading the DivX codec from www.divx.com or XviD codec from www.xvid.org. Then install the codec.



4. Some formats allow you to select **Edit** to create your own file format (For advanced users).
5. If you install the codec in Step 3, choose **AVI** as your **Record Format** and select **Edit,** you will see the new-added codec in **Video Encoder** drop-down menu.
6. Select **Save** to save the settings or select **Cancel** to abort without saving.

Here is a list of the supported recording formats in “Configure Analog TV” section (recording from S-Video and Composite input sources):

	Recording Format	Estimated File Size (per hour)	Option* (for advanced users)
1.	MPEG-2	2.3G	Video Size Video Quality Audio Sample Rate Audio Quality
2.	AVI	File size varies depending on the format you choose.	Video Encoder Video Size Audio Encoder Audio Attribute
3.	DVD	3.6G	Video Size Video Quality Audio Sample Rate Audio Quality
4.	WAV	620MB	Audio Encoder Audio Attribute
5.	WMA	60MB	Windows Media Formation
6.	WMV	900MB	Windows Media Formation
7.	H.264	1G	Profile Level Video Size Entropy Mode Video Bitrate Audio Sample Rate Audio Bitrate
8.	iPod	350MB	None

☑ **Note**: The above estimated file size is calculated based on the default settings and only for your references. Actual file size will vary depending on your configuration.

*Here is a list of the short descriptions for those advanced options above (for advanced users):

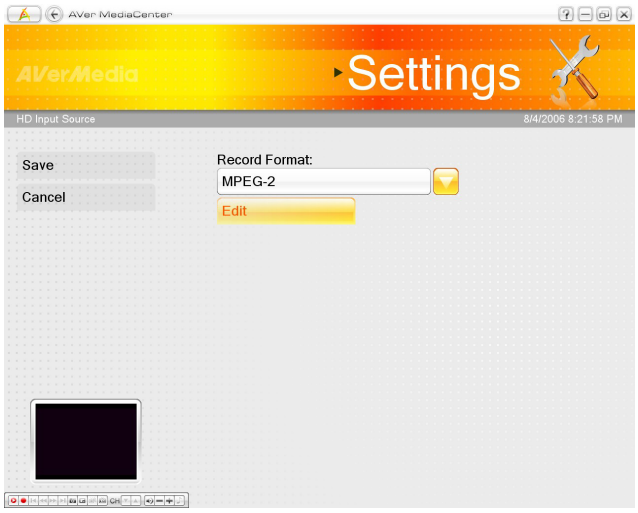
Option*	Description
Video Encoder	A tool of video compression. A better video encoder produces higher video resolutions with less video distortion and smaller file size.
Video Size	Here you can choose the video display size of the recorded file. Bigger video size will have larger file size, but better video quality will be gained. Some displayers may not support large video size. Please choose one based on your needs.
Video Quality	Adjust the video quality with . Higher numbers indicate better video quality but bigger file size.

Video Bitrate	Video bitrate refers to the number of bits used per second. Higher bitrate means a bigger file size and generally better video quality.
Entropy Mode	CALVC or CABAC are two modes of entropy encoding, a data compression scheme, for H.264. CAVLC, supported in all H.264 profiles, is the lower-quality, easier-to-decode option. CABAC delivers higher-quality video and compresses data more efficiently than CAVLC but takes more processing to decompress. CABAC is not supported in Baseline and Extended profiles.
Profile	The profile defines the configurations for encoding the files.
Level	The level specifies a limit for a variable such as the maximum resolutions and data rates.
Windows Media Format	Windows Media Format means the compression type developed by Microsoft.
Audio Encoder	A tool of audio compression. A better audio encoder produces higher audio resolutions with less audio distortion and smaller file size.
Audio Attribute	Audio attribute contains a coding mode, a sampling rate, the number of channels, and a quantization level.
Audio Sample Rate	Audio Sample Rate refers to the numbers of times the analog audio signal is sampled per second when being converted to digital one. Higher numbers means better audio quality but bigger file size.
Audio Quality	Select one from the video quality menu. Higher numbers indicate better audio quality but bigger file size.
Audio Bitrate	Audio bitrate refers to the numbers of bits used per second. Higher bitrate means a bigger file size and generally better audio quality.

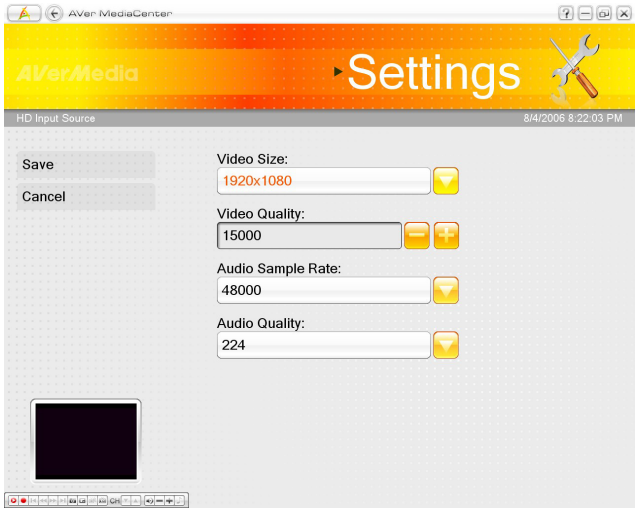
➢ Configure HD Input Source ➔ Configure Recording

Under “Configure HD Input Source” section, you can configure a file format for recording from HDMI and Component input sources.

1. Select “**Settings**” ➔ “**TV**” ➔ “**Configure HD Input Source**”➔ “**Configure Recording**”.
2. Choose the default file format (MPEG-2, H.264, iPod) from the **Record Format** drop-down list.



3. Then you can select **Edit** to create your own file format (For advanced users).
4. Select **Save** to save the settings or select **Cancel** to abort without saving.



Here is a list of supported recording formats in “Configure HD Input Source” (Recording from HDMI and Component input sources):

	Recording Format	Estimated File Size (per hour)	Option* (for advanced users)
1.	MPEG-2	14G	Video Size Video Quality Audio Sample Rate Audio Quality
2.	H.264	6G	Profile Level Video Size Entropy Mode Video Bitrate Audio Sample Rate Audio Bitrate
3.	iPod	350MB	None
4.	AVI	450G*	None

*The file size might reach 450G if the input source resolution is 1080i.

☑ **Note**: The above estimated file size is calculated based on the default settings and only for your references. Actual file size will vary depending on your configuration.

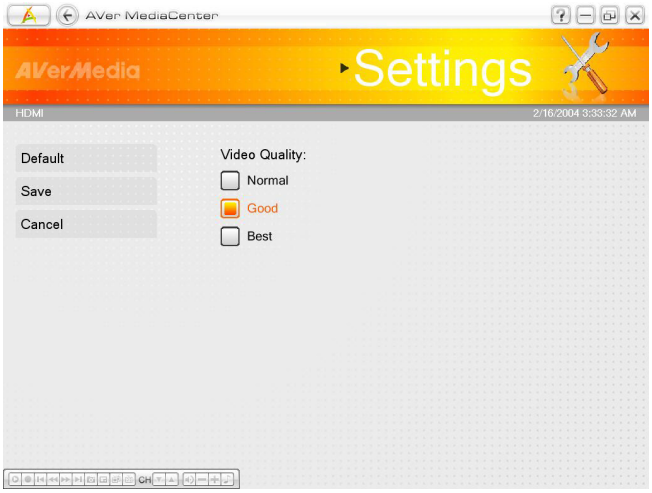
Here is a list of descriptions for those advanced options above (for advanced users):

Option*	Description
Video Encoder	A tool of video compression. A better video encoder produces higher video resolutions with less video distortion and smaller file size.
Video Size	Here you can choose the video display size of the recorded file. Bigger video size will have larger file size, but better video quality will be gained. Some displayers may not support large video size. Please choose one based on your needs.
Video Quality	Adjust the video quality with . Higher numbers indicate better video quality but bigger file size.
Video Bitrate	Video bitrate refers to the number of bits used per second. Higher bitrate means a bigger file size and generally better video quality.
Entropy Mode	CALVC or CABAC are two modes of entropy encoding, a data compression scheme, for H.264. CAVLC, supported in all H.264 profiles, is the lower-quality, easier-to-decode option. CABAC delivers higher-quality video and compresses data more efficiently than CAVLC but takes more

	processing to decompress. CABAC is not supported in Baseline and Extended profiles.
Profile	The profile defines the configurations for encoding the files.
Level	The level specifies a limit for a variable such as the maximum resolutions and data rates.
Windows Media Format	Windows Media Format means the compression type developed by Microsoft.
Audio Encoder	A tool of audio compression. A better audio encoder produces higher audio resolutions with less audio distortion and smaller file size.
Audio Attribute	Audio attribute contains a coding mode, a sampling rate, the number of channels, and a quantization level.
Audio Sample Rate	Audio Sample Rate refers to the numbers of times the analog audio signal is sampled per second when being converted to digital one. Higher numbers means better audio quality but bigger file size.
Audio Quality	Select one from the video quality menu. Higher numbers indicate better audio quality but bigger file size.
Audio Bitrate	Audio bitrate refers to the numbers of bits used per second. Higher bitrate means a bigger file size and generally better audio quality.

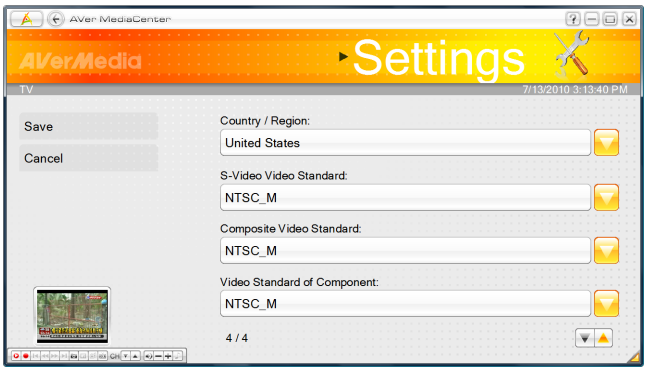
Configure HD Input Source ➔ Configure Timeshift

1. Select "**Settings**" ➔ "**TV**" ➔ "**Configure HD Input Source**" ➔ "**Configure Timeshift**".
2. Choose **Normal**, **Good** or **Best** video quality for timeshifting. (The default option may vary depending on the level of your CPU.)
3. Select **Save** to save the settings or select **Cancel** to abort without saving.



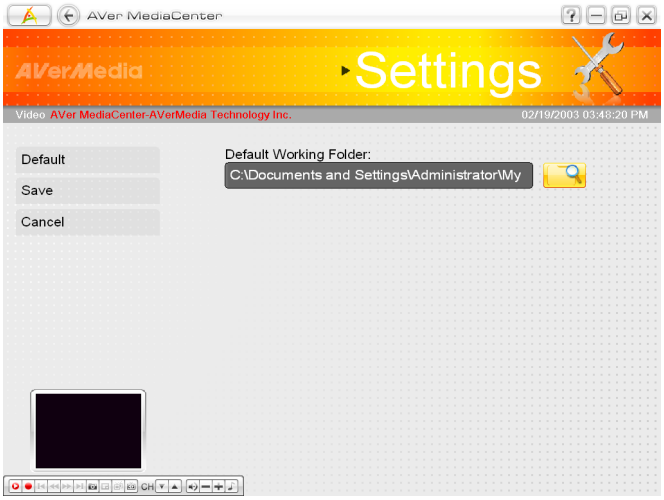
More TV Options

1. Select “**Settings**” ➔ “**TV**” ➔ “**More TV Options**”.
2. Make sure that your country or region is correct if you cannot get any channels after scanning.
3. If you connect to an external video device, you need to select the correct video standard.
4. If you connect to a HD device, you need to select the correct HD input source.

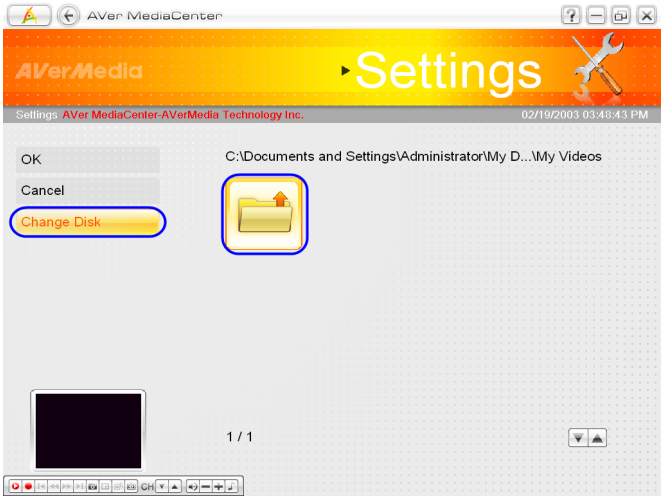


4.3 Video Settings

1. Select “**Settings**” ➔ “**Video**”.
2. Use the default folder for saving the recorded video file.
3. Or select to look for your desired folder.



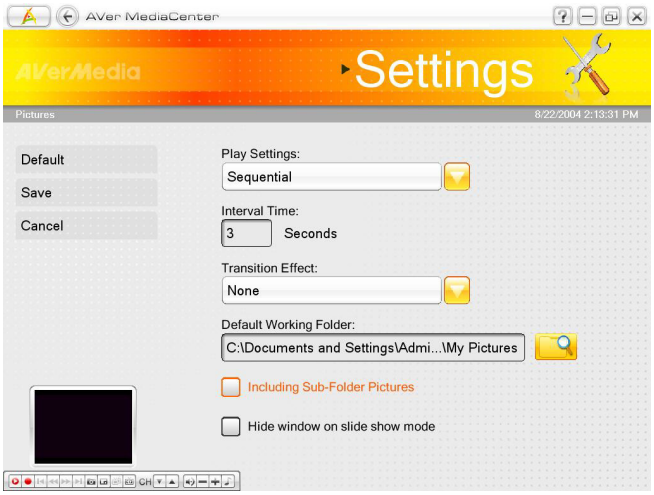
4. On the next page, you can use to go up one level to find other folders or select **Change Disk** to choose other hard drives.
5. Then Choose **OK** to confirm your selection.
6. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



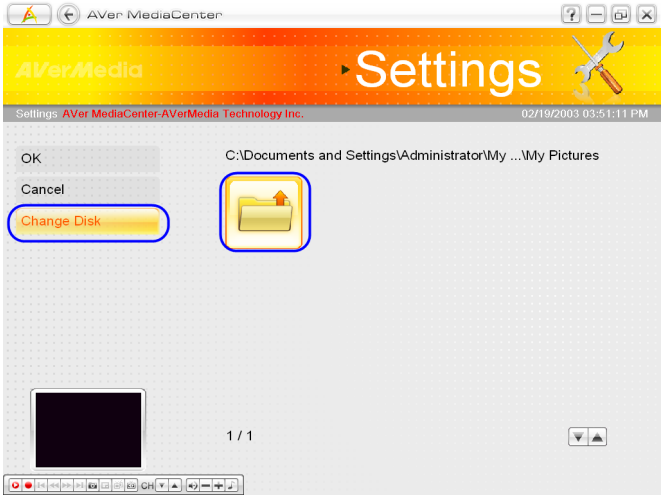
4.4 Picture Settings

Before you start playing slide show, first check its settings to see if they fit your needs.

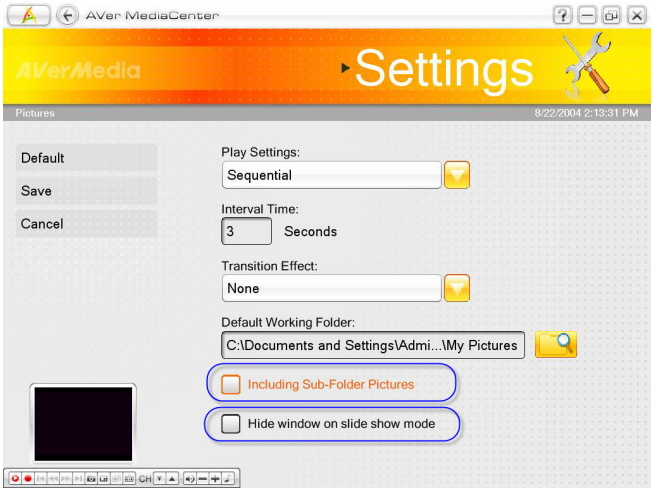
1. Select "**Settings**" ➔ "**Picture**".
2. From the **Play Settings** drop-down list, select **Sequential** to play a slide show in order or select **Random** to shuffle the order.
3. Type a value in the **Interval Time** text box to determine how long you want to display each picture.
4. Select the transition you want to use from the **Transition Effect** drop-down list.



5. Select to look for your desired folder.
6. On the next page, you can use to go up one level to find other folders or select **Change Disk** to choose other hard drives.
7. Choose **OK** to confirm your selection.



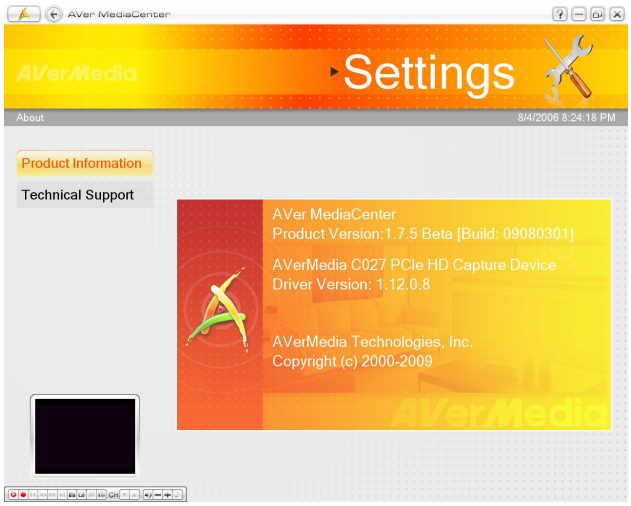
8. To create a slide show using all pictures in the current folder and subfolder, select **Including Sub-Folder Pictures** check box.
9. Select the **Hide window on slide show mode** check box to view pictures without video windows.
10. Select **Save** to save the settings or select **Cancel** to abort without saving. If you want to revert to factory settings, select **Default**.



4.5 About

The AVerTV application provides a convenient tool, which allows users to ask questions via AVerMedia's website easily.

1. Select "**Settings**" ➔ "**About**".
2. Make sure you have accessed to the Internet and then click **Product Information** to access the product information webpage. Or you can click **Technical Support** to connect to our technical support webpage (Global page).



3. For North American users, select "North America (English)"from the *Select a Country* menu on the global webpage. Or go to the webpage: www.avermedia-usa.com/avertv.
4. Then choose **Download.**
5. On our web page, please enter your product version and driver version so that we can solve your problem efficiently.

www.avermedia.com

Appendix

More tips and explanations are included in this chapter.

APPENDIX

Hot Keys **36**
Glossary **37**

Hot Keys

Hot Keys	Description
Up/Down/Left/Right arrow	Move up, down, left or right to select the desired item.
Tab	Move to next item.
Numeric keys	Use NUMERIC KEYS to directly enter the TV/Radio channel number.
Space	Confirm the selected tracks or folders when under the main menu -**Music**.
Page Up/Down	Channel Up / Channel Down
F1	Open the user manual.
F8	Turn off / on the sound.
F9	Volume Down
F10	Volume Up
Back	Back to previous page
Ctrl + A	Choose between available audio modes.
Ctrl + Shift + A	Change aspect ratio
Ctrl + D	Display the channel number.
Ctrl + Shift + D	Move backward in intervals.
Ctrl + E	A shortcut to your main menu-- “Video”.
Ctrl + F	A shortcut to your main menu-- “Radio”
Ctrl + Shift + F	Skip forward in intervals.
Ctrl + G	View EPG information.
Ctrl + I	A shortcut to your main menu-- “Pictures”
Ctrl + M	A shortcut to your main menu-- “Music”
Ctrl + N	Capture an image or a continuous sequence of images.
Ctrl + Shift + N	Play next file in the playlist.
Ctrl + O	View the recorded file list.
Ctrl + P	Freeze the playback temporarily.
Ctrl + Shift + P	Play the selected file.
Ctrl + S	Stop the playback, recording, TimeShift, etc.
Ctrl + Shift + S	Enable the TimeShift function.
Ctrl + T	A shortcut to your main menu-- “TV”
Ctrl + Shift + T	Show TV/Video programs in full screen.
Alt + Home	Go to the main page of AVer MediaCenter
Ctrl + L	Go to the previously accessed TV/Radio channel.
Ctrl + R	Record the current program.
Ctrl + Shift + R	Play previous file in the playlist.
Alt + T	View Teletext information.
Alt + B	Jump to the Blue Teletext page.
Alt + G	Jump to the Green Teletext page.
Alt + R	Jump to the Red Teletext page.
Alt + Y	Jump to the Yellow Teletext page.
Alt + Shift + S	Set the time to put your computer into Stand By/Hibernate mode, exit the application or turn off the computer.
Alt + S	Turn on/off the PIP-sizing function.
Alt + P	Turn on/off the PIP-positioning function.
Alt + M	Activate the Picture in Picture function (PIP).
Ctrl + Shift + C	Switch between available signal sources.

☑ **Note**: Some functions may not be available, depending on the product model.

Glossary

AVI

AVI is the most common video file format for playback on the computer. It can be saved in uncompressed form if you want high quality video, or compressed using any of the available codecs if you want to minimize the file size.

Aspect Ratio

Aspect ratio indicates the ratio of the width of an image to its height. The two most common aspect ratio of home video is 4:3 and 16:9.

DVD

When you choose this format, the recorded video file will be saved in MPEG-2 format that is compliant with DVD standards. Standard DVD frame size and frame rate are 720 x 480 pixels at 29.97 fps for NTSC and 720 x 576 at 25 fps for PAL.

DxVA

DxVA stands for DirectX Video Acceleration, which is an application programming interface (API) defined by Microsoft. It allows decoders to accelerate video playback directly on the graphics processors instead of the main CPU. This means DxVA technology can reduce the CPU usage.

H.264

Videos compressed using MPEG-4 standard are two or three times more efficient than MPEG-2. This format can be applied to a wide variety of applications or networks and systems like HD-DVD, Digital TV, Broadcast and Streaming applications.

Hibernate

Hibernation is a state in which your computer shuts down to save power but first saves everything in memory on your hard disk.

iPod

A video format base on H.264 standard but has smaller video bit rate. It's an iPod -compatible format.

MPEG-1

Choose MPEG-1 format for video files that are intended for CD-ROM playback on a computer or for Internet transmission. MPEG-1 allows file compression and offers VHS quality picture. Just about every system available today can play MPEG-1 and does not need special software or hardware.

MPEG-2

Videos compressed using MPEG-2 has extremely high quality pictures and full CD-quality sound. Choose MPEG-2 format for video files that are intended for DVD-ROM playback on a computer or if you want broadcast quality videos.

PIP (Picture in Picture)

PIP allows you to view two or more video sources at the same time wherein the small inset screens overlaid on the main screen.

PBP (Picture by Picture)

PBP allows you to view two or more video sources side by side on a display so that all

channels are visible.

Stand By

Stand By is a state in which your monitor and hard disks turn off, so that your computer uses less power.

SVCD

When you choose this format, the recorded video file will be saved in MPEG-2 format that is compliant with SVCD standards. Standard SVCD frame size and frame rate are 480 x 480 pixels at 29.97 fps for NTSC and 480 x 576 at 25 fps for PAL.

VCD

When you choose this format, the recorded video file will be saved in MPEG-1 format that is compliant with VCD standards. Standard VCD frame size and frame rate are 352 x 240 pixels at 29.97 fps for NTSC and 352 x 288 pixels at 25 fps for PAL.

WAV

A common audio file format for Windows computers. It was created by Microsoft and has become a standard PC audio file format.